Reference	Name in ThermoBar	Temperature -dependent?	Pressure-dependent?	H_2O-Dependent?
Clinopyroxene-Liquid Barometers. *Function "calculate_cpx_liq_press"*				
Putirka (1996)	P_Put1996_eqP1	**Yes**		No
	P_Put1996_eqP2	**Yes**		No
Putirka (2003)	P_Put2003	**Yes**		No
Putirka (2008)	P_Put2008_eq30	**Yes**		**Yes**
	P_Put2008_eq31	**Yes**		**Yes**
	P_Put2008_eq32c	**Yes**		**Yes**
Masotta et al. (2013) *recalibration of Putirka eqs. for alkali systems*	P_Mas2013_eqPalk1	**Yes**		No
	P_Mas2013_eqPalk2	**Yes**		No
	P_Mas2013_eqalk32c	**Yes**		**Yes**
Masotta et al. (2013)	P_Mas2013_Palk2012	No		**Yes**
Neave & Putirka (2017)	P_Neave2017	**Yes**		No
Clinopyroxene-Liquid Thermometers. *Function "calculate_cpx_liq_temp"*				
Putirka (1996)	T_Put1996_eqT1		No	No
	T_Put1996_eqT2		**Yes**	No
Putirka (1999)	T_Put1999		**Yes**	No
Putirka (2003)	T_Put2003		**Yes**	No
Putirka (2008)	T_Put2008_eq33		**Yes**	**Yes**
Masotta et al. 2013 *Recalibration of Putirka eqs. for alkali systems*	T_Mas2013_eqTalk1		No	No
	T_Mas2013_eqTalk2		**Yes**	No
	T_Mas2013_eqalk33		**Yes**	**Yes**
Masotta et al. 2013	T_Mas2013_Talk2012		No	**Yes**
Brugman and Till, 2019	T_Brug2019		No	No
Clinopyroxene-only Barometers. *Function "calculate_cpx_only_press"*				
Putirka (2008)	P_Put2008_eq32a	**Yes**		No
	P_Put2008_eq32b	**Yes**		**Yes**
Clinopyroxene-only Thermometers. *Function "calculate_cpx_only_temp"*				
Putirka (2008)	T_Put2008_eq32d		**Yes**	No
	T_Put2008_eq32d_subsol		**Yes**	No
Orthopyroxene-Liquid Barometers. *Function "calculate_opx_liq_press"*				
Putirka (2008)	P_Put2008_eq29a	**Yes**		**Yes**
	P_Put2008_eq29b	**Yes**		**Yes**
Putirka Supplement New "Global" calibrations	P_Put_Global_Opx	No		No
	P_Put_Felsic_Opx	No		No
Orthopyroxene-Liquid Thermometers. *Function "calculate_opx_liq_temp"*				
Putirka (2008)	T_Put2008_eq28a		Yes	No
	T_Put2008_eq28b_opx_sat		Yes	No
Orthopyroxene-Clinopyroxene Thermometers. *Function "calculate_opx_cpx_press"*				
Putirka (2008)	P_Put2008_eq38	Yes		No
	P_Put2008_eq39	Yes		No
Orthopyroxene-Clinopyroxene Thermometers. *Function "calculate_opx_cpx_press"*				
Putirka (2008)	T_Put2008_eq36		**Yes**	No
	T_Put2008_eq37		**Yes**	No
Brey and Kohler (1990)	T_Brey1990		**Yes**	No
Wood and Banno (1973)	T_Wood1973		No	No
Wells, 1977	T_Wells1977		No	No
Other Functions				
Iterative solving of pressure and temperature: ***calculate_cpx_liq_press_temp: :*** Iteratively solves P and T for clinopyroxene-liquid pairs using an equation for pressure, and an equation for temperature				

calculate_cpx_only_press_temp: Iteratively solves P and T for clinopyroxene-only equilibra using an equation for pressure, and an equation for temperature

calculate_cpx_opx_press_temp: Iteratively solves P and T for clinopyroxene-orthopyroxene pairs using an equation for pressure, and an equation for temperature

Matching all possible pairs

calculate_cpx_liq_press_temp_matching: Calculates P and T for all possible cpx-liquid pairs (with user-selected options for equilibrium criteria)

calculate_cpx_opx_press_temp_matching: Calculates P and T for all possible cpx-opx pairs (with user-selected options for equilibrium criteria)